Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 15 Sep 2023 until 23:59 on Saturday 16 Sep 2023

Forecast Issued on Thursday 14 Sep 2023 at 14:13

Confidence: High confidence for the change to unsettled conditions over the weekend and into next week. Lower confidence in regards to the position and movement of the frontal rain band, which will move steadily northwards overnight and tomorrow.

Headline for Friday 15 Sep 2023: Cloudy with outbreaks of rain, locally heavy, overnight and early morning, with low cloud and mist. Becoming brighter in the afternoon, with occasional showers, these possibly heavy at times. Feeling warm and humid too.

Mountain weather hazards on Friday 15 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Mist	Mist	Light rain showers	Cloudy	Cloudy
Precipitation probability							
80%	80%	60%	30%	20%	30%	20%	20%

Forecast for Friday 15 Sep 2023

Weather: A band of cloud and rain will gradually move northwards overnight. The rain will be persistent and locally heavy in places, leading to some surface water issues. Some uncertainty in regards to how quickly the rain clears to the north during Friday morning, although at stage, it looks like it should clear by mid-morning. It should gradually brighten up from the south in the afternoon, with perhaps a few showers. Low cloud, mist and fog developing overnight, with some patchy light rain and drizzle at times. Feeling warm and humid too.

Chance of cloud-free hill tops above 600m: 30% first thing and later, improving to 60% by the afternoon

Low Cloud and visibility: Cloud bases down to 400-500m overnight and first thing, lifting to above the summits by the afternoon. Lowering to 400-500m by the evening. Poor or very poor visibility in rain and low cloud, improving to become good in the afternoon, before deteriorating later.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 15 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/7 NE	10/14 E	9/15 S	10/14 S	9/14 SE	8/13 SE	9/14 E	10/16 NE	10/17 NE
300	3/6 NE	5/13 E	6/16 SE	6/12 S	7/13 S	6/11 SE	7/14 E	9/17 NE	10/19 NE
Valley	3/6 NE	5/12 NE	5/9 E	6/11 SE	6/13 S	5/11 SE	5/9 NE	9/16 NE	11/19 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/9	10/8	11/9	12/10	12/11	12/11	11/9	10/8	9/7
300	12/12	12/11	13/12	14/13	15/15	16/15	13/12	12/10	11/9
Valley	13/13	13/12	13/13	15/14	17/17	17/16	15/15	13/12	13/11
Freezing Level*	2900m	2900m	2900m	2600m	2700m	2700m	2700m	2500m	2500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Due to low confidence regarding rainfall amounts it is best to expect good conditions but prepare for the worst, hence waterproofs are advised in case of deteriorating conditions.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Wed 13 Sep 2023	0.2mm	10.8mm	14.4mm

Forecast for Saturday 16 Sep 2023

Weather: Extensive low cloud, mist and fog forming overnight and early morning, which may give some outbreaks of patchy light rain and drizzle at times. Low cloud may linger throughout the day across the summits, although there is likely to be some occasional brighter during the afternoon, especially across sheltered southern and western parts of the Dales. Feeling cooler and fresher.

Maximum wind: Northeasterly 15-20mph, gusting to 30-35mph on the summits.

Chance of cloud-free hill tops above 600m: 30% first thing, improving to 60% by the afternoon.

Low Cloud and visibility: Cloud bases down to 300-400m overnight and early morning, gradually lifting to above the summits by mid-morning. Poor visibility in low cloud, mist and fog early in the day, improving to become mostly moderate to good through the remainder of the day.

Temperature: **Valleys:** Plus 10 Celsius, becoming Plus 12 Celsius.
At 600m: Plus 8 Celsius, becoming Plus 10 Celsius.
Freezing level: Above the summits.

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